

Title (en)
STATIC ROUTE ADVERTISEMENT

Title (de)
STATISCHE ROUTENWERBUNG

Title (fr)
AVIS DE ROUTAGE STATIQUE

Publication
EP 3595248 A1 20200115 (EN)

Application
EP 19191379 A 20161215

Priority
• US 201514985103 A 20151230
• EP 16204542 A 20161215

Abstract (en)
A network device operable as a provide edge router is described. The network device comprises one or more processors operably coupled to a memory; a configuration interface configured for execution by the one or more processors to receive configuration data configuring the network device as a provider edge router of an intermediate layer 3 network to provide multi-homed layer 2 virtual bridge connectivity to a customer edge device using an active-standby mode of operation; and a routing process configured for execution by the one or more processors to send, to a remote provider edge router in response to determining the network device is able to send layer 2 packets to the customer edge device, a route advertisement that includes a static route specifying a layer 3 address of the customer edge device as a next-hop for a layer 3 subnet.

IPC 8 full level
H04L 12/46 (2006.01); **H04L 45/02** (2022.01); **H04L 45/50** (2022.01); **H04L 45/74** (2022.01); **H04L 45/24** (2022.01); **H04L 45/28** (2022.01)

CPC (source: CN EP US)
H04L 12/4625 (2013.01 - EP US); **H04L 12/4641** (2013.01 - CN EP US); **H04L 45/02** (2013.01 - US); **H04L 45/04** (2013.01 - US);
H04L 45/22 (2013.01 - CN EP); **H04L 45/26** (2013.01 - US); **H04L 45/50** (2013.01 - CN); **H04L 45/66** (2013.01 - EP US);
H04L 45/74 (2013.01 - CN US); **H04L 69/321** (2013.01 - US); **H04L 45/033** (2022.05 - CN EP); **H04L 45/22** (2013.01 - US);
H04L 45/24 (2013.01 - US); **H04L 45/28** (2013.01 - EP US)

Citation (applicant)
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EP 16204542 A 20161215; CN 201611243065 A 20161228; EP 19191379 A 20161215; US 201514985103 A 20151230